Abstract

The incremental of using software for web application, makes many developers created a new programming script that more ease to use, and more understandability. Because of that Ruby on Rails was created. An experiment is needed to prove that Ruby on Rails is better then PHP. The matter that will be tested and analyzed in this last project is the maintainability form two web scripting, PHP and Ruby on Rails.

Bengkel application is created, in this last project, in two different web scripting, Ruby on Rails and PHP. In this two different scripting be implemented two application using *Object Oriented Programming*. But many problems about how to make a design for object oriented software maintainable and flexible still be found. It is happen because in the real world many things change , so the software design must be change too. Because of that this last project tested maintainability from the two different web scripting, PHP and Ruby on Rails.

Testing and measuring with bengkel application of two different scripting, PHP and Ruby on Rails, yielding better value of maintainability at PHP compared to Ruby on Rails.

Keywords: Ruby on Rails, PHP, maintainability, object oriented programming.